

Summary

With a hydrostatic multi-motor drive unit with a least two hydraulic motors acting upon a common load, a solution should be created, with which a further operating range is covered by the use of several motors and at the same time a simple as possible and problem free coupling of the motors is assured. Furthermore, a procedure for controlling the drive unit is indicated, which permits continuous transitions between the different operating ranges. This is achieved in that the motors (2,3) are connected with each other through at least one freewheel device (4), in which the motor (2) arranged after the freewheel device has a variable displacement volume.